

Iowa Crops & Weather



Iowa Agricultural Statistics
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Issued August 4, 2003

Vol. 03-22

For the week ending August 3, 2003

Oat Harvest Nearing Completion

Agricultural Summary: Oat harvest across the state progressed to 87 percent completion during the past week. Crop conditions continued to be favorable, although soil moisture conditions have become the main concern among farmers. Many areas reported needing a rain soon. Corn pollination was occurring or nearing completion last week. Hay and pastures were affected by the lack of rain.

There were 6.4 **days suitable for fieldwork**, compared to 6.3 days last week and 5.7 days last year at this time. **Topsoil moisture** rated 12 percent very short, 33 percent short, 53 percent adequate, and 2 percent surplus across Iowa. **Subsoil moisture** rated 9 percent very short, 29 percent short, 59 percent adequate, and 3 percent surplus.

Field Crops Report: The **oat acreage harvested for grain** was 87 percent, behind last year's progress of 96 percent and the 5-year average of 91 percent completed. The **corn acreage tasseled** was 97 percent. The **corn acreage silked** was 87 percent, behind last year's progress of 95 percent and the 5-year average of 93 percent silked. The **corn acreage in or past milk stage** was 33 percent, behind last year's progress of 62 percent and five days behind the 5-year average of 54 percent milk stage. The **corn acreage in dough stage** was 5 percent. **Corn** condition rated 1 percent very poor, 4 percent poor, 17 percent fair, 53 percent good, and 25 percent excellent. The **soybean acreage blooming** was 90 percent. The **soybean acreage setting pods** was 53 percent, behind last year's progress of 76 percent and six days behind the 5-year average of 70 percent podded. **Soybean** condition rated 1 percent very poor, 4 percent poor, 19 percent fair, 54 percent good, and 22 percent excellent. The **second cutting of alfalfa hay** was 93 percent complete, while the third cutting of alfalfa hay was 8 percent complete. **Hay** condition rated 2 percent very poor, 15 percent poor, 30 percent fair, 43 percent good, and 10 percent excellent.

Livestock, Pasture, and Range Report: Livestock conditions continued

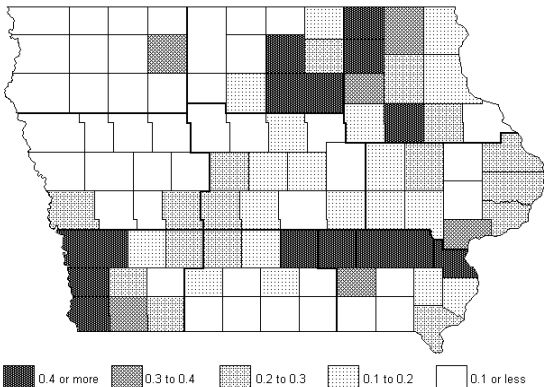
to be good as temperatures were not extreme last week. **Pasture and range** condition rated 6 percent very poor, 20 percent poor, 30 percent fair, 38 percent good, and 6 percent excellent.

Iowa Weather Summary

Temperatures during the past week averaged near or slightly below normal each day while isolated thunderstorms were a daily occurrence somewhere in the state but brought very little rain to most areas. Temperature extremes for the week ranged from a Thursday (31st) afternoon high of 91 degrees at Emmetsburg down to Monday (4th) morning lows of 51 degrees at Estherville and Spencer. Temperatures for the week as a whole averaged from 3.6 degrees below normal at Burlington to exactly normal at Des Moines. Despite daily thunderstorm development only a few locations managed to receive more than one-half inch of rain during the week. Thunderstorms were most widespread on Thursday (31st) and were accompanied by large hail in 12 northern and northeastern Iowa counties. Large hail was also reported from portions of Wapello and Washington counties of southeast Iowa on Friday (1st) afternoon. The greatest weekly rain totals reported were 0.97 inches at New Hampton, 0.95 inches at Wapello, 0.94 inches at Dumont and 0.92 inches at Mason City. No rain was recorded at many locations, especially in the northwest and south central portions of Iowa. The statewide average precipitation was 0.18 inches or about one-fifth of the weekly normal of 0.89 inches. Preliminary data for the month of July gave a statewide average precipitation of 4.01 inches or 0.24 inches less than normal while temperatures averaged 73.6 degrees or 0.2 degrees less than normal. Generally July temperatures were 1 or 2 degrees below normal in northern and eastern Iowa and 1 to 2 degrees warmer than normal across the south and west. July precipitation averaged near to above normal over most of the northern two-thirds of the state and was well below normal in parts of southwest and south central Iowa. However, over three-fourths of July's rain fell during the first nine days of the month. An average of slightly less than one inch of rain fell over the last three weeks of July.

Statewide Crop Conditions as of August 3, 2003					
Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	1	4	17	53	25
Hay, all	2	15	30	43	10
Range & Pasture	6	20	30	38	6
Soybeans	1	4	19	54	22

PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MONDAY, AUGUST 4, 2003 (inches)



Field Work and Crop Progress as of August 3, 2003													
Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn silked	90	94	75	91	92	76	93	87	76	87	67	95	93
Corn in or past milk stage	37	22	24	32	47	29	44	40	20	33	10	62	54
Corn in or past dough stage	2	2	5	4	13	4	8	10	5	5	NA	21	15
Soybeans blooming	94	92	94	90	88	88	92	68	87	90	81	97	94
Soybeans setting pods	51	55	69	49	55	60	61	33	33	53	29	76	70
Oats harvested for grain	88	77	86	91	76	83	99	95	89	87	53	96	91
Hay, alfalfa - third crop harvested	9	4	7	8	7	5	11	8	12	8	NA	13	8
NA = Not available.													

NA = Not available.

Days Suitable & Soil Moisture Condition as of August 3, 2003												
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Days suitable	6.8	6.4	6.3	6.6	6.4	6.4	6.0	6.4	6.1	6.4	6.3	5.7
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	21	6	6	12	4	3	24	32	6	12	7	24
Short	36	28	38	23	35	23	36	35	51	33	23	25
Adequate	42	59	53	64	59	73	39	33	42	53	66	48
Surplus	1	7	3	1	2	1	1	0	1	2	4	3
Subsoil moisture												
Very short	4	3	4	2	4	5	18	34	10	9	6	26
Short	31	12	37	20	18	29	38	42	40	29	18	34
Adequate	64	75	55	74	73	66	44	24	50	59	71	38
Surplus	1	10	4	4	5	0	0	0	0	3	5	2

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, August 3, 2003										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	86	56	70	-2	0.21	-0.56	14.62	0.61	146	-7
	91	54	72	-3	0.00	-0.70	16.50	2.35	156	-10
	89	54	71	-2	0.04	-0.87	13.82	-0.83	149	-12
	85	57	71	-2	0.00	-0.77	12.24	-1.72	151	-24
Britt Humboldt Mason City Northwood	North Central District									
	86	58	72	-2	0.00	-0.86	18.34	2.59	153	-8
	85	61	72	-3	0.02	-0.89	21.15	5.11	152	-15
	89	57	72	-2	0.92	0.01	17.26	1.02	153	-3
	85	57	70	-3	0.00	-0.98	17.45	2.01	144	-16
Decorah Dubuque Elkader Independence Waterloo	North East District									
	87	57	72	-2	0.26	-0.58	12.68	-3.18	155	-6
	86	57	71	-1	0.04	-0.90	14.45	-2.10	151	-3
	90	55	72	0	0.10	-0.88	19.76	4.10	158	-22
	85	56	72	1	0.36	-0.66	21.60	4.75	155	-27
	89	57	73	0	0.06	-0.91	17.67	0.59	161	0
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	85	54	70	-6	0.18	-0.66	15.48	-0.69	139	-36
	86	59	72	-2	0.31	-0.60	18.29	0.99	159	-7
	85	62	72	-3	0.90	0.20	15.46	0.49	159	-2
	87	55	72	-3	0.55	-0.29	16.23	-0.13	157	-13
	85	58	71	-4	0.10	-0.67	14.49	-1.45	150	-13
	87	61	74	-1	0.27	-0.64	22.80	5.50	167	1
	87	56	72	-4	0.52	-0.25	18.46	2.80	156	-23
	85	52	71	-4	0.03	-0.88	20.84	4.71	146	-22
	89	56	72	-4	0.03	-0.67	14.92	1.63	156	-24
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	83	57	71	-3	1.26	0.26	19.17	1.52	149	-12
	85	58	72	-2	0.56	-0.28	22.46	5.24	156	-11
	87	64	75	-2	0.33	-0.54	17.43	1.78	179	-8
	88	59	73	-1	0.83	-0.15	20.00	2.88	161	-3
	87	58	71	-3	0.29	-0.71	17.57	0.85	151	-10
	88	61	73	-2	0.78	-0.06	19.72	3.55	164	-10
	85	59	72	-2	0.18	-0.66	21.32	5.03	157	-9
	87	58	73	-1	0.53	-0.49	16.48	-0.57	161	0
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	84	58	72	-3	0.59	-0.26	17.03	1.11	157	-11
	85	58	71	-4	0.57	-0.34	14.91	-0.68	152	-23
	88	58	73	-3	0.24	-0.81	13.24	-4.39	164	-18
	87	57	73	-1	0.64	-0.34	12.61	-4.95	160	-7
	86	57	71	-2	0.25	-0.60	12.45	-3.20	150	-11
	87	61	73	-3	1.36	0.44	17.67	1.06	164	10
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	87	56	72	-4	2.17	1.12	17.08	-0.91	154	-25
	89	57	74	-2	0.79	-0.05	16.62	0.04	169	-13
	87	56	72	-2	0.32	-0.52	15.06	-0.96	157	-9
	89	59	74	-3	0.34	-0.57	15.53	-2.34	167	-18
	88	59	74	-3	1.55	0.52	13.40	-3.41	172	-14
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	84	60	72	-4	1.03	0.05	15.72	-1.04	157	10
	83	61	73	-3	1.10	0.19	13.39	-2.95	160	-15
	86	56	72	-4	0.91	0.01	16.87	-0.38	155	-20
	85	58	73	-3	0.71	-0.13	20.96	4.37	161	-12
	86	55	72	-4	1.21	0.28	17.35	0.57	157	-22
Bloomfield Burlington Ottumwa	South East District									
	87	62	74	-3	1.67	0.67	18.43	1.59	169	-13
	87	59	72	-4	0.30	-0.61	15.16	-0.81	156	-22
	90	59	73	-4	1.00	0.07	14.00	-1.87	164	-18

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2003: AWIS, Inc. All Rights Reserved.